

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 12-JUN-12	F.R. # 1001915339	SERV. SUPV. BARLEN M JOYNER									
LEASE & WELL NAME GREAT WESTERN #27-14 - API 05123243130000		LOCATION 27-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS									
Ret Brdg Plug, 4001 - 5000 ft		No Shoe											
BRIDGE PLUG													
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
ClayCare Water				0	8.34	0	0	00:00	10				
Class G				40	15.8	1.15	5.00	01:54	8.18	4.76			
ClayCare Water				0	8.34	0	0	00:00	18				
PL+.6%SMS+8#/skCSE2				463	11	3.22	19.86	03:14	265.52	219.19			
Available Mix Water 500 Bbl.		Available Displ. Fluid 175 Bbl.		TOTAL		301.70		223.95					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
9	0	4500	4	4.5	11.6	CSG	4500	4500	N-80	0	0	0	
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT.	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	WGT.	
8.1	8.63	24	CSG	441	441	BRIDGE PLUG	4550	0	0	2.375	8RD	8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
18	BBLs	ClayCare Water	8.34	0	0	0	8760	2000	0	0	WATER HAULER		

Circulation Prior to Job			
Circulated Well: Rtg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 0	
Mud Density In: 8.4 LBS/GAL		Mud Density Out: 8.4 LBS/GAL	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		PV & YP Mud In: 0	
Units:		PV & YP Mud Out: 0	
		Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	

Displacement And Mud Removal			
Displaced By: Rtg <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: 0 BBLs	
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: VISUAL	
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE		UNABLE DUE TO STUCK PIPE	
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID	

Plugs			
Number of Attempts by BJ: 0		Competition: 0	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
		Top of Plug: 0 FT	
		Bottom of Plug: 0 FT	

Squeezes (Update Original Treatment Report for Primary Job)			
BLOCK SQUEEZE <input type="checkbox"/>	SHOE SQUEEZE <input type="checkbox"/>	TOP OF LINER SQUEEZE <input type="checkbox"/>	PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	PSI Applied: 0	Fluid Weight: 0 LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)			
Casing Test Pressure: 0 PSI	With 0 LBS/GAL Mud	Time Held: 00 Hours 00 Minutes	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE	
PRESSURE/RATE DETAIL	EXPLANATION

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT

Number of Times Tests Conducted: 0

Target EMW: 0 LBS/GAL

Actual EMW: 0 LBS/GAL

Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NONE

PRESSURE/RATE DETAIL

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	CO. REP.
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES	5502 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:30	0	0	0	0	N/A	YARD CALL	
06:50	0	0	0	0	N/A	ARRIVE ON LOCATION (35 MILES) NO ONE ON LOCATION	
06:55	0	0	0	0	N/A	SPOT TRUCKS	
07:12	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
08:45	0	0	0	0	N/A	SAFETY MEETING	
09:11	5502	0	0	0	WATER	PRESSURE TEST	
09:16	402	0	2.1	10	WATER	CLAYCARE SPACER	
09:20	1432	0	4.1	261	CMT	BATCH UP, WEIGH AND PUMP 463 SX OF PLC + 4% BENTONITE + 0.6% SMS + 8 LBS/SACK CSE-2 @ 11 PPG	
10:39	1533	0	3.2	8	CMT	BATCH UP, WEIGH AND PUMP 40 SX OF CLASS G @ 15.8	
10:45	2538	0	4.8	18	WATER	START DISPLACEMENT	
11:10	0	0	0	0	N/A	JOB DONE	
11:20	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
12:00	0	0	0	0	N/A	TIME OFF LOCATION	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	5	297	0	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 1001915339



CUSTOMER		GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER			
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE					
INVOICE TO :		503 MAIN ST		Windsor		Colorado		80550					
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE	WELL API NO:		WELL TYPE :					
06 12 2012		BARLEN M JOYNER		05123243130000		New Well							
DISTRICT		BJS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :							
WELL NAME AND NUMBER		GREAT WESTERN #27-14		TD WELL DEPTH (ft)		GAS USED ON JOB :							
WELL LOCATION :		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :					
27-6N-67W		Weld		Colorado		Long String							
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT			
100021		Class G Cement		sacks		40							
100120		Bentonite		lbs		1611							
100275		Sodium Metasilicate		lbs		242							
398224		Premium Lite Cement		sacks		463							
488019		FP-6L		gals		5							
488353		CSE-2		lbs		3704							
489632		Granulated Sugar		lbs		50							
489702		ClayCare, Clay Treat-2C, 260 gl tote		gals		5							
A152		Personnel Per Diem Chrg - Cement Svc		ea		1							
M100		Bulk Materials Blending Charge		cu ft		646							
		SUB-TOTAL FOR Product Material											
		SUB-TOTAL FOR Service Charges											
ARRIVE LOCATION :		MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.							
06 12 2012 06:50													
CUSTOMER REP.		Shawn Armstrong											
TERMS AND CONDITIONS													
CUSTOMER AUTHORIZED AGENT													
BHI APPROVED													

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MAIL INVOICE TO :				STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
				503 MAIN ST		Windsor		Colorado		80550			
DATE WORK COMPLETED				MO. DAY YEAR		BH REPRESENTATIVE		WELL API NO.		WELL TYPE :			
06 12 2012				BARLEN M JOYNER		05123243130000		New Well					
DISTRICT				BUS, BRIGHTON		JOB DEPTH (ft)		WELL CLASS :					
				GREAT WESTERN #27-14		4,498		Gas					
WELL NAME AND NUMBER				GREAT WESTERN #27-14		TD WELL DEPTH (ft)		GAS USED ON JOB :					
						4,500		No Gas					
WELL LOCATION :				LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :			
				27-6N-67W		Weld		Colorado		Long String			
PRODUCT CODE				DESCRIPTION				UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT	
F061A				Cement Pumping, 4001 - 5000 ft				6hrs		1			
F090				Fuel per pump charge - cement				pump/hr		4			
J050				Cement Head				job		1			
J225				Data Acquisition, Cement, Standard				job		1			
J390				Mileage, Heavy Vehicle				miles		70			
J391				Mileage, Auto, Pick-Up or Treating Van				miles		70			
K392				Squeeze Manifold, Ground				day		1			
J401				Bulk Delivery, Dry Products				ton-mi		869			
				SUB-TOTAL FOR Equipment									
				SUB-TOTAL FOR Freight/Delivery Charges									
				FIELD ESTIMATE									
ARRIVE LOCATION :				MO. DAY YEAR TIME		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.							
06 12 2012 06:50													
CUSTOMER REP.				Shawn Armstrong				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
TERMS AND CONDITIONS								CUSTOMER AUTHORIZED AGENT					
								BH APPROVED					